Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102025\
Data File : BN038103.D
Acq On : 20 Oct 2025 18:33
Operator : RC/JU
Sample : PB170167BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170167BS

Quant Time: Oct 20 19:06:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	7519	0.400	ng	-0.04
7) Naphthalene-d8	10.583	136	19915	0.400	ng	#-0.04
13) Acenaphthene-d10	14.441	164	9572	0.400	ng	-0.03
19) Phenanthrene-d10	17.198	188	16635	0.400	ng	-0.02
29) Chrysene-d12	21.384	240	10986	0.400	ng	-0.02
35) Perylene-d12	23.698	264	10158	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.355	112	6328	0.369	ng	-0.03
5) Phenol-d6	6.944	99	6984	0.310	ng	-0.03
8) Nitrobenzene-d5	8.939	82	6334	0.417	ng	-0.03
11) 2-Methylnaphthalene-d10	12.182	152	10948	0.396	ng	-0.04
14) 2,4,6-Tribromophenol	15.944	330	1097	0.302	ng	-0.02
15) 2-Fluorobiphenyl	13.062	172	17321	0.442	ng	-0.03
27) Fluoranthene-d10	19.229	212	14218	0.340	ng	-0.02
31) Terphenyl-d14	19.828	244	11138	0.509	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	2925	0.383	ng	# 29
3) n-Nitrosodimethylamine	3.571	42	4044	0.398	ng	# 92
6) bis(2-Chloroethyl)ether	7.204	93	8084	0.386	ng	99
9) Naphthalene	10.637	128	21422	0.390	ng	99
10) Hexachlorobutadiene	10.936	225	3895	0.416	ng	# 100
12) 2-Methylnaphthalene	12.258	142	11997	0.335	ng	99
16) Acenaphthylene	14.163	152	18576	0.427	ng	99
17) Acenaphthene	14.505	154	11267	0.364	ng	98
18) Fluorene	15.499	166	14117	0.377	ng	98
20) 4,6-Dinitro-2-methylph...	15.584	198	565	0.334	ng	# 27
21) 4-Bromophenyl-phenylether	16.391	248	4260	0.393	ng	93
22) Hexachlorobenzene	16.503	284	5253	0.400	ng	98
23) Atrazine	16.664	200	2689	0.326	ng	98
24) Pentachlorophenol	16.851	266	2558	0.567	ng	97
25) Phenanthrene	17.235	178	20460	0.374	ng	99
26) Anthracene	17.322	178	18013	0.379	ng	100
28) Fluoranthene	19.257	202	19776	0.328	ng	99
30) Pyrene	19.619	202	19558	0.451	ng	99
32) Benzo(a)anthracene	21.366	228	14573	0.380	ng	99
33) Chrysene	21.420	228	17576	0.423	ng	100
34) Bis(2-ethylhexyl)phtha...	21.304	149	6066	0.399	ng	96
36) Indeno(1,2,3-cd)pyrene	26.060	276	19707	0.425	ng	99
37) Benzo(b)fluoranthene	22.999	252	16016	0.366	ng	# 92
38) Benzo(k)fluoranthene	23.043	252	17177	0.390	ng	# 91
39) Benzo(a)pyrene	23.595	252	14266	0.412	ng	# 88
40) Dibenzo(a,h)anthracene	26.083	278	14225	0.392	ng	94
41) Benzo(g,h,i)perylene	26.773	276	17781	0.467	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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